



PTO/SB/08A (08-03)

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/766,157
				Filing Date	January 28, 2004
				First Named Inventor	Thomas P. Loughran, Jr.
				Art Unit	1645
				Examiner Name	
Sheet	1	of	4	Attorney Docket Number	USF-T190XC1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
U1	U1	US-2003/0190654	10/09/2003	Heidenreich <i>et al.</i>	All
U2	U2	US-2003/0032594	02/13/2003	Bonny	All
U3	U3	US-2002/0120100	08/29/2002	Bonny	All
U4	U4	US-2002/0035243	03/21/2002	Imfeld <i>et al.</i>	All
U5	U5	US-			
U6	U6	US-			
U7	U7	US-			
U8	U8	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
F1	F1	WO 01/36646 A1	05/25/2001	Cancer Research Campaign Technology Limited	All	
F2	F2	WO 02/057311 A2	07/25/2002	University of South Florida	All	
F3	F3	WO 99/09206 A1	02/25/1999	Blood Research Center	All	
F4	F4					
F5	F5					
F6	F6					

Examiner Signature		Date Considered	7.18.05
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Substitute for form 1449B/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 2 of 4

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	item (book, T <sup>2</sup>
cy	R1	CALLAN, M. et al. "CD8 <sup>+</sup> T-cell selection, function, and death in the primary immune response in vivo" <i>The Journal of Clinical Investigation</i> , November 2000, pp. 1251-1261, Vol. 106, No. 10.	
cy	R2	LOUGHRAN, T. P. JR. "Clonal Diseases of Large Granular Lymphocytes" <i>Blood</i> , July 1, 1993, pp. 1-14, Vol. 82, No. 1.	
cy	R3	OSHIMI, K. et al. "Perforin Gene Expression in Granular Lymphocyte Proliferative Disorders" <i>Blood</i> , February 1, 1990, pp. 704-708, Vol. 75, No. 3.	
cy	R4	LOUGHRAN, T. P. JR. et al. "Anti-CD3 Monoclonal Antibody-Mediated Cytotoxicity Occurs Through an Interleukin-2-Independent Pathway in CD3 <sup>+</sup> Large Granular Lymphocytes" <i>Blood</i> , February 15, 1990, pp. 935-940, Vol. 75, No. 4.	
cy	R5	LAMY, T. et al. "Dysregulation of CD95/CD95 Ligand-Apoptotic Pathway in CD3 <sup>+</sup> Large Granular Lymphocyte Leukemia" <i>Blood</i> , December 15, 1998, pp. 4771-4777, Vol. 92, No. 12.	
cy	R6	KASTEN-SPORTES, C. et al. "T-Cell Receptor Gene Rearrangement in T-Cell Large Granular Leukocyte Leukemia: Preferential V $\alpha$ but Diverse J $\alpha$ Usage in One of Five Patients" <i>Blood</i> , February 1, 1994, pp. 767-775, Vol. 83, No. 3.	
cy	R7	HOSHINO, S. et al. "Activation via the CD3 and CD16 Pathway Mediates Interleukin-2-Dependent Autocrine Proliferation of Granular Lymphocytes in Patients With Granular Lymphocyte Proliferative Disorders" <i>Blood</i> , December 15, 1991, pp. 3232-3240, Vol. 78, No. 12.	
cy	R8	DAIBATA, M. et al. "Differential Gene-Expression Profiling in the Leukemia Cell Lines Derived From Indolent And Aggressive Phases of CD56 <sup>+</sup> T-Cell Large Granular Lymphocyte Leukemia" <i>Int. J. Cancer</i> , 2004, pp. 845-851, Vol. 108.	
cy	R9	MAKISHIMA, H. et al. "DNA microarray analysis of T cell-type lymphoproliferative disease of granular lymphocytes" <i>British Journal of Haematology</i> , 2002, pp. 462-469, Vol. 118.	
cy	R10	KOTHAPALLI, R. et al. "Constitutive expression of cytotoxic proteases and down-regulation of protease inhibitors in LGL leukemia" <i>International Journal of Oncology</i> , January 1, 2003, pp. 33-39, Vol. 22, No. 1.	
cy	R11	PERZOVA, R. et al. "Constitutive expression of Fas ligand in large granular lymphocyte leukaemia" <i>British Journal of Haematology</i> , 1997, pp. 123-126, Vol. 97.	
cy	R12	WESTON, G. S. et al. "Granzymes as Potential Targets for Rational Drug Design" <i>Current Medicinal Chemistry</i> , 1996, pp. 37-46, Vol. 3.	
cy	R13	EPSTEIN, C. B. et al. "Microarray technology - enhanced versatility, persistent challenge" <i>Current Opinion In Biotechnology</i> , February 1, 2000, pp. 36-41, Vol. 11, No. 1.	

Examiner Signature

Date

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Sheet	3	of	4
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## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the magazine, journal, serial, symposium, catalog, etc., date, page(s), volume-issu number(s), publisher, city and/or country where published.	item (book, T <sup>2</sup>
U	R14	MCMANUS, M. T. <i>et al.</i> "Gene Silencing in Mammals By Small Interfering RNAs" <i>Nature Reviews Genetics</i> , October 2002, pp. 737-747, Vol. 3.	
U	R15	TAKASHITA, E. <i>et al.</i> "Destruction of hematopoietic microenvironment by cytotoxic T cells" <i>Experimental Hematology</i> , 1997, pp. 1034-1041, Vol. 25, No. 10.	
U	R16	CRABTREE, G. R. <i>et al.</i> "Signal transmission between the plasma membrane and nucleus of T lymphocytes" <i>Ann Rev Biochem</i> , 1994, pp. 1045-1083, Vol. 63.	
U	R17	BUTZ, E. A. <i>et al.</i> "Massive expansion of antigen-specific CD8+ T cells during an acute virus infection" <i>Immunity</i> , 1998, pp. 167-175, Vol. 8.	
U	R18	ENGLER-BLUM, G. <i>et al.</i> "Reduction of background in problems in non-radioactive Northern blot analysis enables higher sensitivity than <sup>32</sup> P-based hybridizations" <i>Anal. Biochem</i> , 1993, pp. 235-244, Vol. 210.	
U	R19	GRAKOU, A. <i>et al.</i> "The immunological synapse: a molecular machine controlling T-cell activation" <i>Science</i> , 1999, pp. 221-227, Vol. 285.	
U	R20	KOTHAPALLI, R. <i>et al.</i> "Microarray results: how accurate are they?" <i>BMC Bioinformatics</i> , 2002, pp. 1-10, Vol. 3.	
U	R21	KOTHAPALLI, R. <i>et al.</i> "Characterization of a human sphingosine-1-phosphate receptor gene (SIP <sub>3</sub> ) and its differential expression in LGL leukemia" <i>Biochimica et Biophysica Acta</i> , 2002, pp. 117-123, Vol. 1579.	
U	R22	KOTHAPALLI, R. <i>et al.</i> "Characterization of a variant of PAC-1 in large granular lymphocyte leukemia" <i>Protein Expression &amp; Purification</i> , 2003, pp. 52-60, Vol. 32.	
U	R23	LAMY, T. <i>et al.</i> "Current concepts: large granular lymphocyte leukemia" <i>Blood Rev.</i> , 1999, pp. 230-240, Vol. 13.	
U	R24	NAGATA, S. <i>et al.</i> "The Fas death factor" <i>Science</i> , 1995, pp. 1449-1456, Vol. 267.	
U	R25	ZAMBELLO, R. <i>et al.</i> "Analysis of the T Cell Receptor in the Lymphoproliferative Disease of Granular Lymphocytes: Superantigen Activation of Clonal CD3+ Granular Lymphocytes" <i>Cancer Res.</i> , 1995, pp. 6140-6145, Vol. 55.	
U	R26	ZIMMERMANN, C. <i>et al.</i> , "Homeostatic regulation of CD8+ T Cells after antigen challenge in the absence of Fas (CD95)" <i>Eur. J. Immunol.</i> , 1996, pp. 2903-2910, Vol. 26.	

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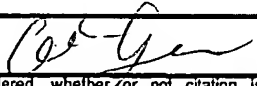
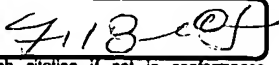
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Uy	R27	KOO, G. C. et al. "Association of Serine Protease with the Rise of Intracellular Calcium in Cytotoxic T Lymphocytes" <i>Cellular Immunology</i> , 1996, pp. 107-115, Vol. 174, Article No. 0300.	
	R28		
	R29		
	R30		
	R31		
	R32		
	R33		
	R34		
	R35		
	R36		
	R37		
	R38		
	R39		

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